Interreby certify that this correspondence is being deposited with the US Postal Service with sufficient postage as Sufficience, P.O. Box 2327, Arlington, VA 22202 on the date shown below.

Date: April 14, 2003

By: Carol A. See

PATENT Docket No. GC560 D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Volker Schellenberger et al.

Serial No.: 10/037,677

Filed: October 23, 2001

For: Directed Evolution of

October 23, 2001

Caroup Art Unit: 1636

Examiner: Marvich, M.

TRANSMITTAL LETTER

RECEIVED

APR 2 1 2003

Box Sequence, P.O. Box 2327 Commissioner for Patents U.S. Patent and Trademark Office Arlington, VA 22202

Microorganisms

TECH CENTER 1600/2900

Sir:

In response to the Office Action dated January 13, 2003, enclosed please find the following documents: Response to Office Action Mailed January 13, 2003, Paper Copy of Sequence Listing, Diskette Copy of Sequence Listing, Statement of Sameness, and copy of Notice to Comply.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 07-1048 (Docket No. GC560-D1). A duplicate of this paper is enclosed.

Date: April 14, 2003

Respectfully submitted,

Kamrin T. MacKnight Registration No. 38,230

Genencor International, Inc. 925 Page Mill Road Palo Alto, CA 94304-1013

Tel: 650-846-5838 Fax: 650-845-6504



*Notice to Comply

Application No.	Applicant(s)
10/037,677	Shellenberger et al.
Examiner	Art Unit
M. Marvich	1636

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE **DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleatide and/or amino said sequence disclared

the requirement	is for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):
OG 29 (May	ication clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 (15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking shed at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
2. This appli Listing" as re	ication does not contain, as a separate part of the disclosure on paper copy, a "Sequence equired by 37 C.F.R. 1.821(c).
3. A copy of t 37 C.F.R. 1.	the "Sequence Listing" in computer readable form has not been submitted as required by 821(e).
content of th	f the "Sequence Listing" in computer readable form has been submitted. However, the se computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/odicated on the attached copy of the marked -up "Raw Sequence Listing."
and/or unrea	outer readable form that has been filed with this application has been found to be damaged adable as indicated on the attached CRF Diskette Problem Report. A Substitute computer m must be submitted as required by 37 C.F.R. 1.825(d).
☐ 6. The paper "Sequence L	copy of the "Sequence Listing" is not the same as the computer readable from of the isting" as required by 37 C.F.R. 1.821(e).
⊠ 7. Other: Seq	uence listings are provided that are not accompanied by a Seq ID number
Applicant Mu	
An initial or s	substitute computer readable form (CRF) copy of the "Sequence Listing".
oxtimes An initial or sunto the specifica	ubstitute paper copy of the "Sequence Listing", as well as an amendment directing its entry ition.
⊠ A statement applicable, included 1.825(d).	t that the content of the paper and computer readable copies are the same and, where de no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) o

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

PatentIn Software Program Support

Technical Assistance.....703-287-0200

To Purchase PatentIn Software.....703-306-2600

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY